

FIG. 1
PRIOR ART

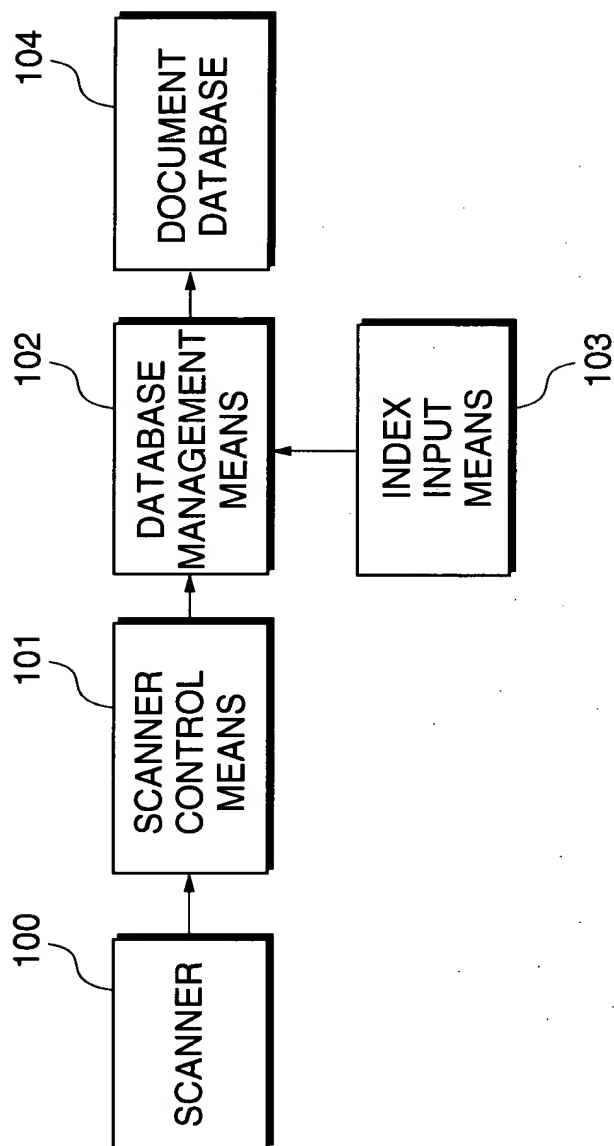


FIG.2
PRIOR ART

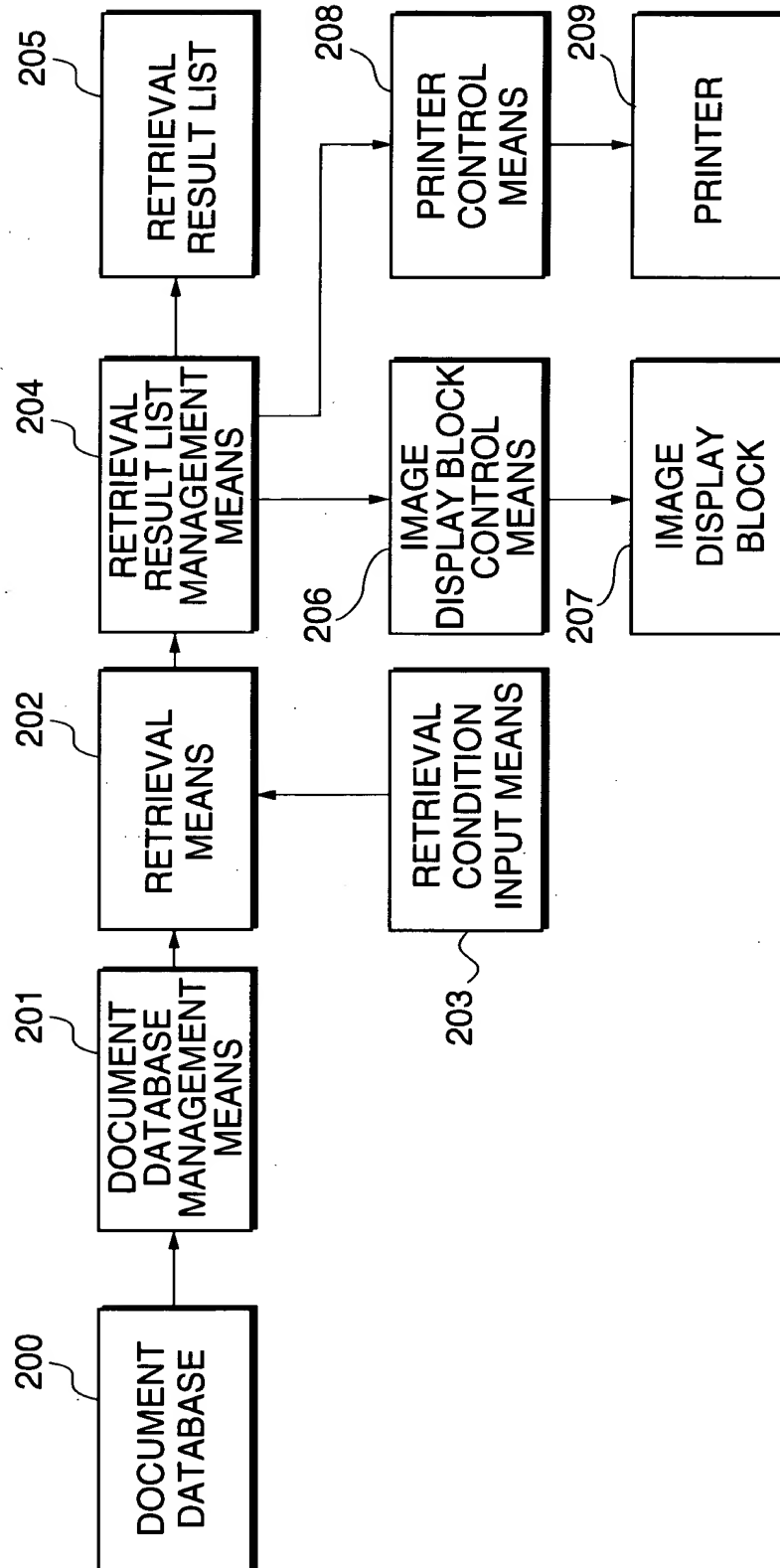


FIG. 3

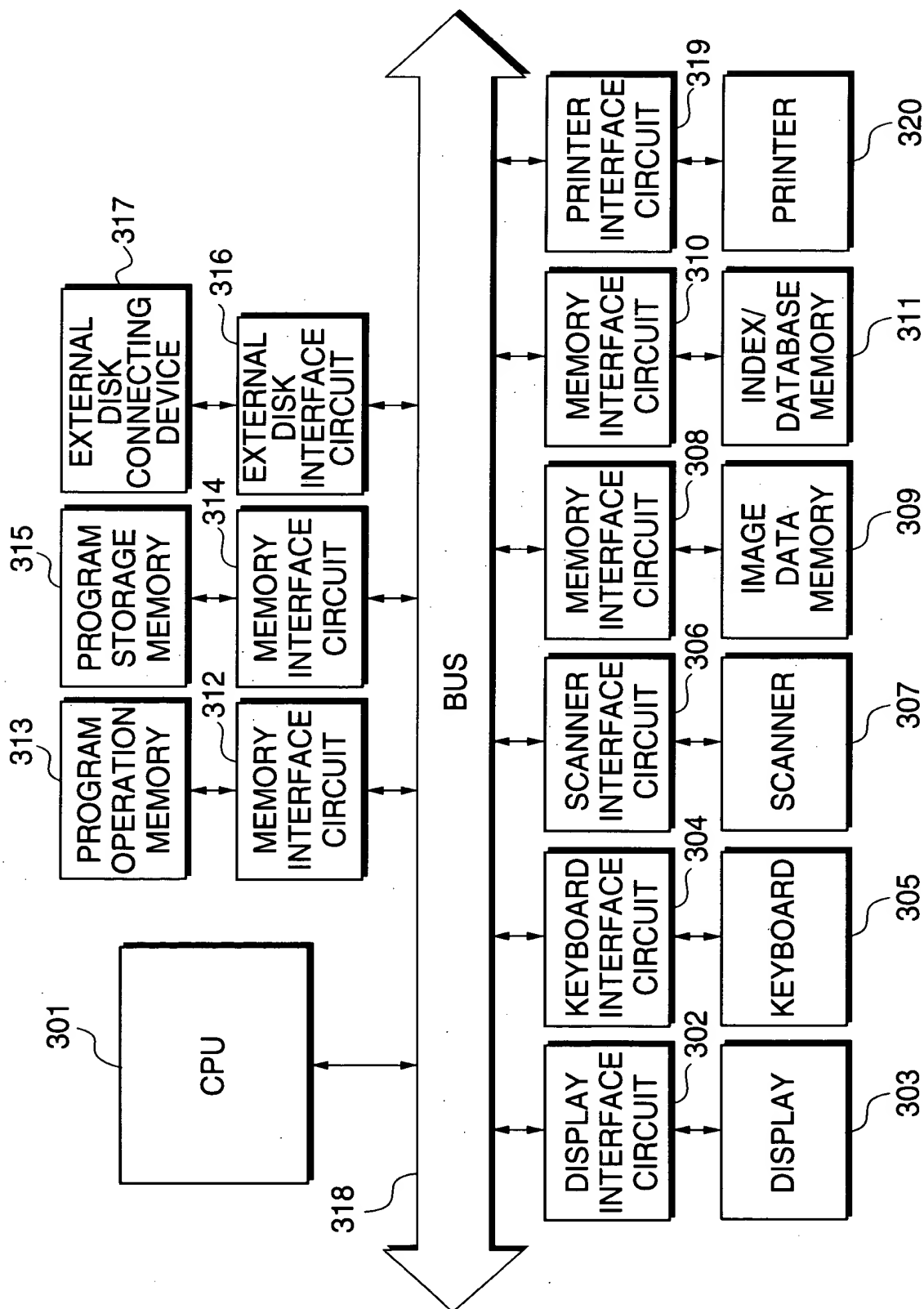


FIG. 4

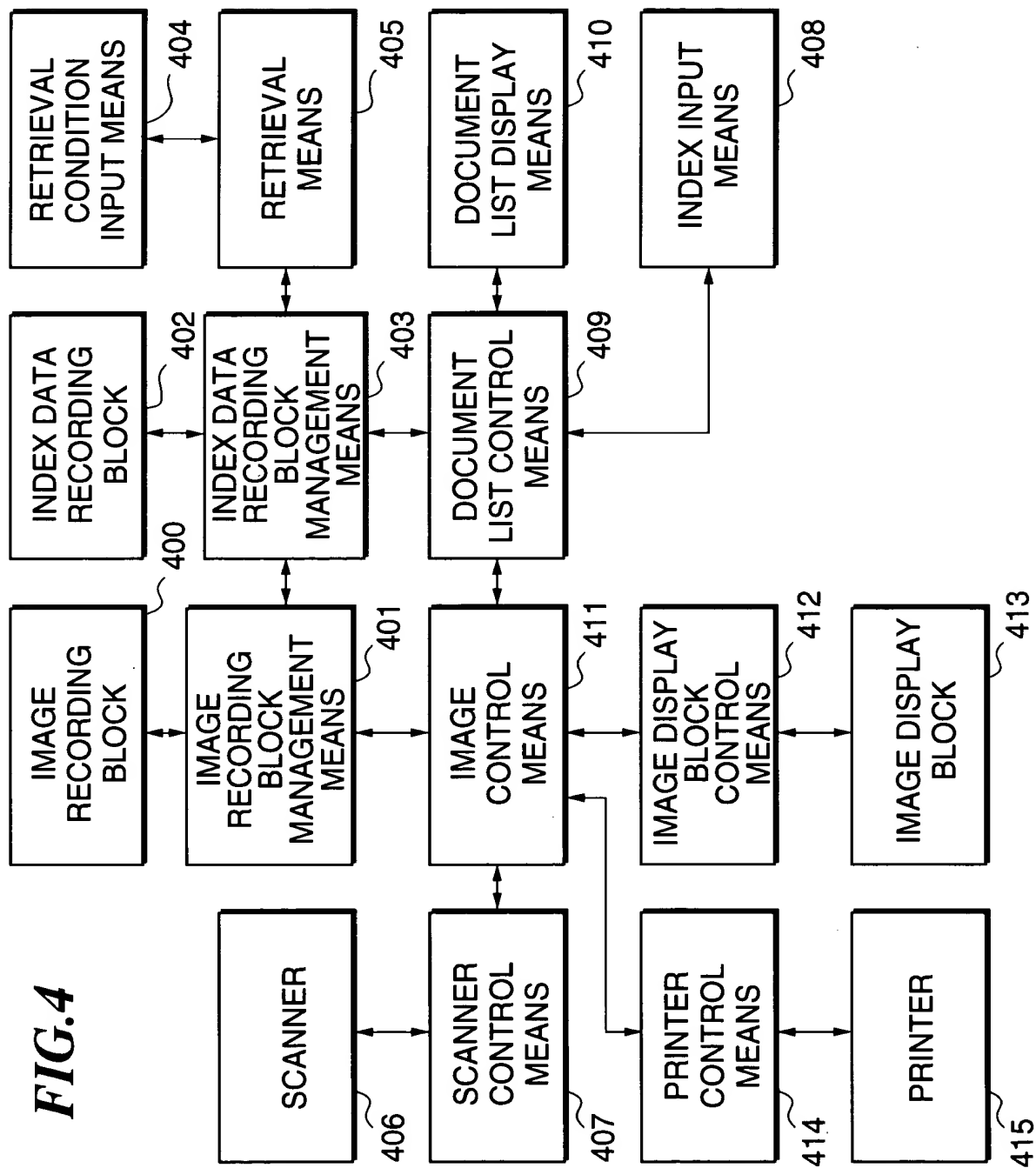


FIG. 5

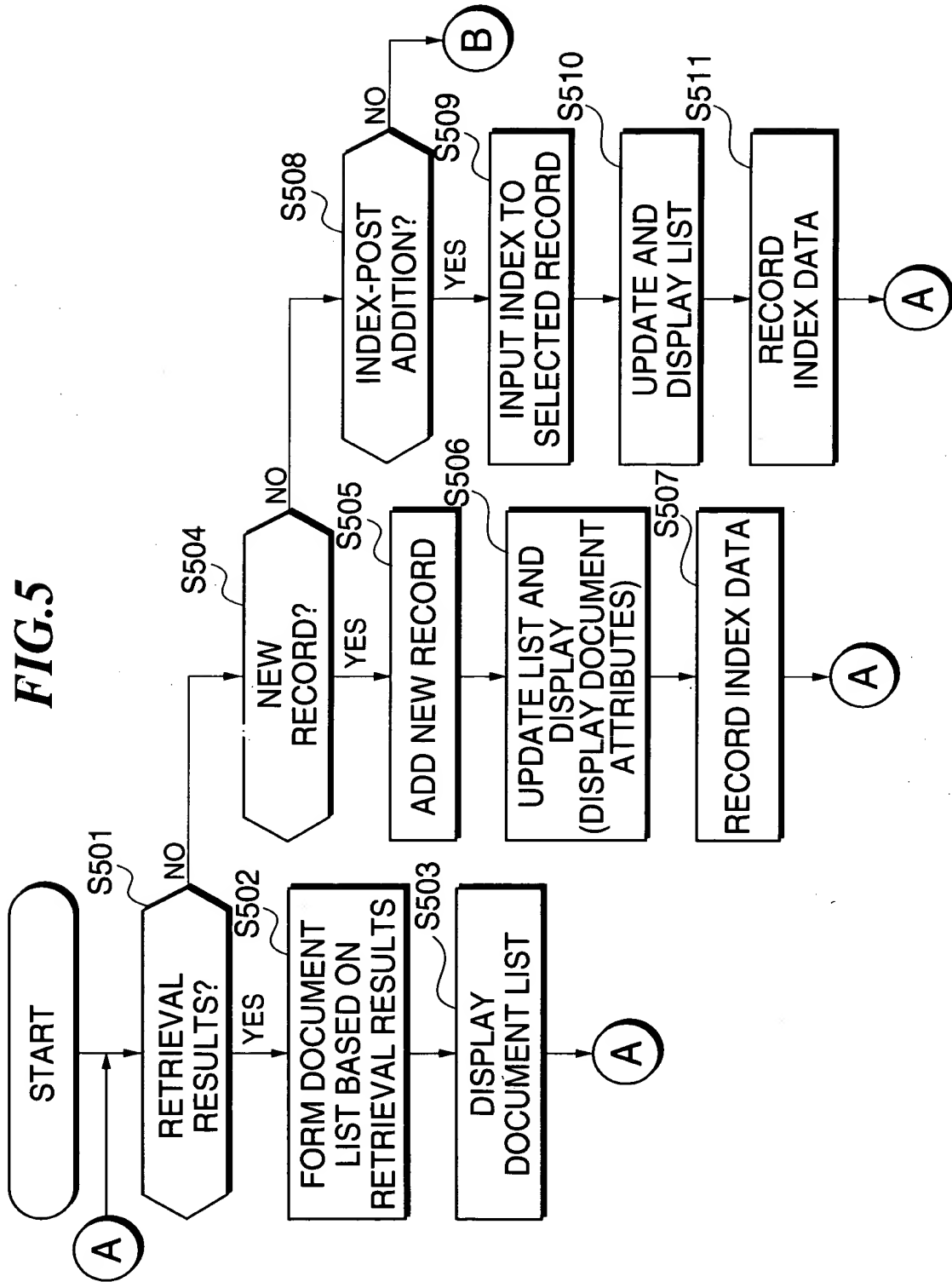


FIG. 6

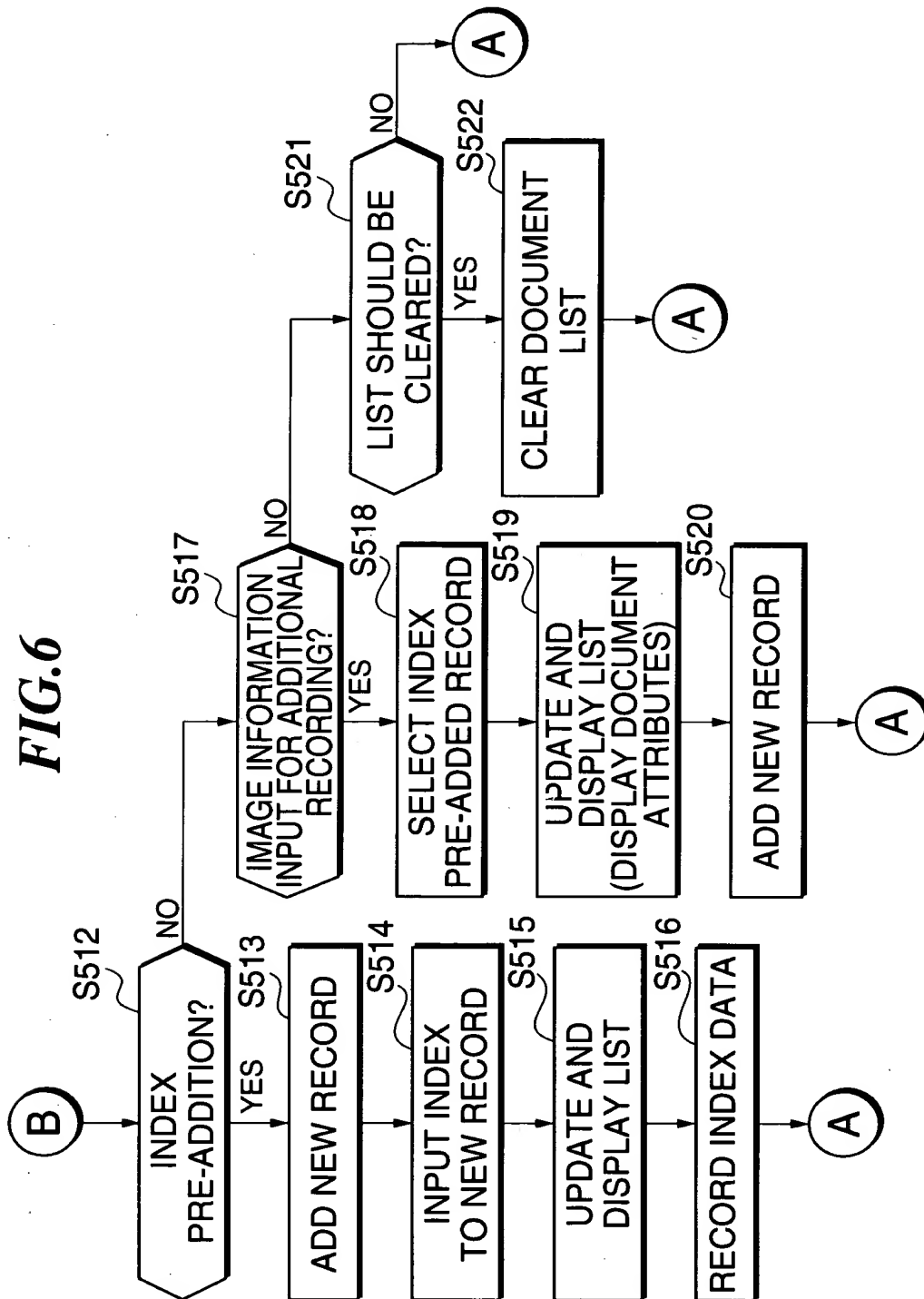


FIG. 7

Canofile for Windows - [Worksheet]

File Edit View Library System Disc User Window Help

installer spec

| Properties | No | Title | Chapter | Pages | Rank | Entry Date |
|-------------------|----|-------|---------|----------|------|------------|
| 1 menu spec | 1 | 1-1 | 23 A | 98/06/26 | | |
| 2 menu spec | 2 | 1-2 | 35 B | 98/06/26 | | |
| 3 menu spec | 3 | 1-3 | 12 D | 98/06/26 | | |
| 4 X-2 report | 4 | | 50 A | 98/06/26 | | |
| 5 X-2 report | 5 | | 45 | 98/06/26 | | |
| 6 | 6 | | 44 | 98/06/29 | | |
| 7 | 7 | | 16 | 98/06/29 | | |
| 8 | 8 | | 8 | 98/07/21 | | |
| 9 | 9 | | 9 | 98/07/21 | | |
| 10 | 10 | | 12 | 98/07/21 | | |
| 11 menu spec | 11 | 2-1 | 0 | | | |
| 12 menu spec | 12 | 2-2 | 0 | | | |
| 13 menu spec | 13 | 3-1 | 0 | | | |
| 14 installer spec | 14 | | 0 | | | |
| 15 installer spec | 15 | | 0 | | | |

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Text Library

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FIG.8

701 702 703 704 705 706 707

Canofile for Windows - [Worksheet]

File Edit View Library System Disc User Window Help

708

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711

709

712

| Properties | No | Title | Chapter | Pages | Rank | Entry Date |
|------------|----|---------------|---------|-------|------|------------|
| ••••• | 1 | menu spec | 1-1 | 23 | A | 98/06/26 |
| ••••• | 2 | menu spec | 1-2 | 35 | B | 98/06/26 |
| ••••• | 3 | menu spec | 1-3 | 12 | D | 98/06/26 |
| ••••• | 4 | function spec | 10 | 3 | C | 98/07/21 |
| ••••• | 5 | function spec | 12 | 5 | | 98/07/21 |
| ••••• | 6 | X-2 report | | 50 | | 98/07/21 |
| ••••• | 7 | X-2 report | | 45 | | 98/07/21 |
| ••••• | 8 | function spec | 1(all) | 32 | A | 98/07/21 |
| ••••• | 9 | menu spec | 2-1 | 12 | B | 98/07/21 |
| ••••• | 10 | menu spec | 2-2 | 14 | B | 98/07/21 |
| ••••• | 11 | menu spec | 3-1 | 36 | A | 98/07/21 |
| ••••• | 12 | X-1 report | | 50 | | 98/07/21 |
| ••••• | 13 | X-1 report | | 50 | | 98/07/21 |
| ••••• | 14 | function spec | 11 | 10 | C | 98/07/21 |
| ••••• | | | | | | |

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Text Library

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[illegible]

Figure 1 is a schematic diagram of a graphical user interface (GUI) for a word processing application. The interface is divided into several sections. At the top is a title bar "Candfile for Windows - [Worksheet]" with standard window controls. Below it is a menu bar with "File", "Edit", "View", "Library", "System", "Disc", "User", "Window", and "Help". A toolbar with various icons is positioned below the menu bar. The main workspace is divided into a left pane with a tree view showing a hierarchy of folders and files, and a right pane displaying the contents of the selected item. The right pane shows a table with columns for "Properties", "No", "Title", "Chapter", "Pages", "Rank", and "Entry Date". The table contains three rows of data. Below the table is a status bar with a "Text Library" button and a "W" label.

| Properties | No | Title | Chapter | Pages | Rank | Entry Date |
|-----------------|----|--------|---------|----------|------|------------|
| 1 menu spec | 1 | 1-1 | 23 A | 98/06/26 | | |
| 2 function spec | 2 | 1(all) | 32 A | 98/07/21 | | |
| 3 menu spec | 3 | 3-1 | 36 A | 98/07/21 | | |

FIG.10

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Candlefile for Windows - [Worksheet]
□ □ X

File
Edit
View
Library
System
Disc
User
Window
Help

menu spec

▼

1

2

3

| Properties | No | Title | Chapter | Pages | Rank | Entry Date |
|------------|----|---------------|---------|-------|------|------------|
| ◆ | 1 | menu spec | 1-1 | 23 | A | 98/06/26 |
| ◆ | 2 | function spec | 1(all) | 32 | A | 98/07/21 |
| ◆ | 3 | menu spec | 3-1 | 36 | A | 98/07/21 |
| ◆ | | | | | | |

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Text Library

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FIG. 11

701 702 703 704 705 706 707

Candlefile for Windows - [Worksheet]

File Edit View Library System Disc User Window Help

| Properties | No | Title | Chapter | Pages | Rank | Entry Date |
|---|----|---------------|---------|-------|------|------------|
| ••••• | 1 | menu spec | 1-1 | 23 | A | 98/06/26 |
| ••••• | 2 | function spec | 1(all) | 32 | A | 98/07/21 |
| ••••• | 3 | menu spec | 3-1 | 36 | A | 98/07/21 |
| ••••• | 4 | | | 10 | | 98/07/21 |
| ••••• | 5 | | | 10 | | 98/07/21 |
| ••••• | 6 | | | 5 | | 98/07/21 |
| ••••• | | | | | | |
| <div> <div>7</div> <div>Text Library</div> </div> | | | | | | |

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FIG.12

701 702 703 704 705 706 707

Canopie for Windows - [Worksheet]

File Edit View Library System Disc User Window Help

| Properties | No | Title | Chapter | Pages | Rank | Entry Date |
|------------|----|---------------|---------|-------|------|------------|
| 1 | 1 | menu spec | 1-1 | 23 | A | 98/06/26 |
| 2 | 2 | function spec | 1(all) | 32 | A | 98/07/21 |
| 3 | 3 | menu spec | 3-1 | 36 | A | 98/07/21 |
| 4 | 4 | | | 10 | | 98/07/21 |
| 5 | 5 | | | 10 | | 98/07/21 |
| 6 | 6 | | | 5 | | 98/07/21 |
| * | * | | | | | |

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Text Library

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FIG.13

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Candfile for Windows - [Worksheet]
✕

File
Edit
View
Library
System
Disc
User
Window
Help

701702703704705706707

12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989910010110210310410510610710810911011111211311411511611711811912012112212312412512612712812913013113213313413513613713813914014114214314414514614714814915015115215315415515615715815916016116216316416516616716816917017117217317417517617717817918018118218318418518618718818919019119219319419519619719819920020120220320420520620720820921021121221321421521621721821922022122222322422522622722822923023123223323423523623723823924024124224324424524624724824925025125225325425525625725825926026126226326426526626726826927027127227327427527627727827928028128228328428528628728828929029129229329429529629729829930030130230330430530630730830931031131231331431531631731831932032132232332432532632732832933033133233333433533633733833934034134234334434534634734834935035135235335435535635735835936036136236336436536636736836937037137237337437537637737837938038138238338438538638738838939039139239339439539639739839940040140240340440540640740840941041141241341441541641741841942042142242342442542642742842943043143243343443543643743843944044144244344444544644744844945045145245345445545645745845946046146246346446546646746846947047147247347447547647747847948048148248348448548648748848949049149249349449549649749849950050150250350450550650750850951051151251351451551651751851952052152252352452552652752852953053153253353453553653753853954054154254354454554654754854955055155255355455555655755855956056156256356456556656756856957057157257357457557657757857958058158258358458558658758858959059159259359459559659759859960060160260360460560660760860961061161261361461561661761861962062162262362462562662762862963063163263363463563663763863964064164264364464564664764864965065165265365465565665765865966066166266366466566666766866967067167267367467567667767867968068168268368468568668768868969069169269369469569669769869970070170270370470570670770870971071171271371471571671771871972072172272372472572672772872973073173273373473573673773873974074174274374474574674774874975075175275375475575675775875976076176276376476576676776876977077177277377477577677777877978078178278378478578678778878979079179279379479579679779879980080180280380480580680780880981081181281381481581681781881982082182282382482582682782882983083183283383483583683783883984084184284384484584684784884985085185285385485585685785885986086186286386486586686786886987087187287387487587687787887988088188288388488588688788888989089189289389489589689789889990090190290390490590690790890991091191291391491591691791891992092192292392492592692792892993093193293393493593693793893994094194294394494594694794894995095195295395495595695795895996096196296396496596696796896997097197297397497597697797897998098198298398498598698798898999099199299399499599699799899910001001100210031004100510061007100810091010101110121013101410151016101710181019102010211022102310241025102610271028102910301031103210331034103510361037103810391040104110421043104410451046104710481049105010511052105310541055105610571058105910601061106210631064106510661067106810691070107110721073107410751076107710781079108010811082108310841085108610871088108910901091109210931094109510961097109810991100110111021103110411051106110711081109111011111112111311141115111611171118111911201121112211231124112511261127112811291130113111321133113411351136113711381139114011411142114311441145114611471148114911501151115211531154115511561157115811591160116111621163116411651166116711681169117011711172117311741175117611771178117911801181118211831184118511861187118811891190119111921193119411951196119711981199120012011202120312041205120612071208120912101211121212131214121512161217121812191220122112221223122412251226122712281229123012311232123312341235123612371238123912401241124212431244124512461247124812491250125112521253125412551256125712581259126012611262126312641265126612671268126912701271127212731274127512761277127812791280128112821283128412851286128712881289129012911292129312941295129612971298129913001301130213031304130513061307130813091310131113121313131413151316131713181319132013211322132313241325132613271328132913301331133213331334133513361337133813391340134113421343134413451346134713481349135013511352135313541355135613571358135913601361136213631364136513661367136813691370137113721373137413751376137713781379138013811382138313841385138613871388138913901391139213931394139513961397139813991400140114021403140414051406140714081409141014111412141314141415141614171418141914201421142214231424142514261427142814291430143114321433143414351436143714381439144014411442144314441445144614471448

[illegible]

12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989910010110210310410510610710810911011111211311411511611711811912012112212312412512612712812913013113213313413513613713813914014114214314414514614714814915015115215315415515615715815916016116216316416516616716816917017117217317417517617717817918018118218318418518618718818919019119219319419519619719819920020120220320420520620720820921021121221321421521621721821922022122222322422522622722822923023123223323423523623723823924024124224324424524624724824925025125225325425525625725825926026126226326426526626726826927027127227327427527627727827928028128228328428528628728828929029129229329429529629729829930030130230330430530630730830931031131231331431531631731831932032132232332432532632732832933033133233333433533633733833934034134234334434534634734834935035135235335435535635735835936036136236336436536636736836937037137237337437537637737837938038138238338438538638738838939039139239339439539639739839940040140240340440540640740840941041141241341441541641741841942042142242342442542642742842943043143243343443543643743843944044144244344444544644744844945045145245345445545645745845946046146246346446546646746846947047147247347447547647747847948048148248348448548648748848949049149249349449549649749849950050150250350450550650750850951051151251351451551651751851952052152252352452552652752852953053153253353453553653753853954054154254354454554654754854955055155255355455555655755855956056156256356456556656756856957057157257357457557657757857958058158258358458558658758858959059159259359459559659759859960060160260360460560660760860961061161261361461561661761861962062162262362462562662762862963063163263363463563663763863964064164264364464564664764864965065165265365465565665765865966066166266366466566666766866967067167267367467567667767867968068168268368468568668768868969069169269369469569669769869970070170270370470570670770870971071171271371471571671771871972072172272372472572672772872973073173273373473573673773873974074174274374474574674774874975075175275375475575675775875976076176276376476576676776876977077177277377477577677777877978078178278378478578678778878979079179279379479579679779879980080180280380480580680780880981081181281381481581681781881982082182282382482582682782882983083183283383483583683783883984084184284384484584684784884985085185285385485585685785885986086186286386486586686786886987087187287387487587687787887988088188288388488588688788888989089189289389489589689789889990090190290390490590690790890991091191291391491591691791891992092192292392492592692792892993093193293393493593693793893994094194294394494594694794894995095195295395495595695795895996096196296396496596696796896997097197297397497597697797897998098198298398498598698798898999099199299399499599699799899910001001100210031004100510061007100810091010101110121013101410151016101710181019102010211022102310241025102610271028102910301031103210331034103510361037103810391040104110421043104410451046104710481049105010511052105310541055105610571058105910601061106210631064106510661067106810691070107110721073107410751076107710781079108010811082108310841085108610871088108910901091109210931094109510961097109810991100110111021103110411051106110711081109111011111112111311141115111611171118111911201121112211231124112511261127112811291130113111321133113411351136113711381139114011411142114311441145114611471148114911501151115211531154115511561157115811591160116111621163116411651166116711681169117011711172117311741175117611771178117911801181118211831184118511861187118811891190119111921193119411951196119711981199120012011202120312041205120612071208120912101211121212131214121512161217121812191220122112221223122412251226122712281229123012311232123312341235123612371238123912401241124212431244124512461247124812491250125112521253125412551256125712581259126012611262126312641265126612671268126912701271127212731274127512761277127812791280128112821283128412851286128712881289129012911292129312941295129612971298129913

[illegible]

[illegible]

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FIG.18

W










| Properties | No | Title | Chapter | Pages | Rank | EntryDate |
|---|----|---------------|---------|-------|------|-----------|
| 72a  | 1 | menu spec | 1-1 | 23 | A | 98/06/26 |
| 72b  | 2 | function spec | 1(all) | 32 | A | 98/07/21 |
|  | 3 | menu spec | 3-1 | 36 | A | 98/07/21 |
|  | 4 | X-3 report | 1 | 10 | C | 98/07/21 |
|  | 5 | X-3 report | 2 | 10 | C | 98/07/21 |
| 72a  | 6 | menu spec | 3-2 | 5 | B | 98/07/21 |
|  | 7 | X-11 report | 1 | 12 | | 98/07/21 |
| 72b  | 8 | X-11 report | 2 | 8 | | 98/07/21 |
|  | 9 | X-12 report | 1 | 22 | | 98/07/21 |
| | | | | | | |

FIG.19

W

| Properties | No | Title | Chapter | Pages | Rank | EntryDate |
|------------|----|---------------|---------|-------|------|-----------|
| 72 ○ ② | 1 | function spec | 3 | 23 | A | 98/06/26 |
| 72 ○ | 2 | function spec | 1(all) | 32 | A | 98/07/21 |
| 72 ○ ① | 3 | menu spec | 3-1 | 36 | A | 98/07/21 |
| 72 ○ | 4 | X-3 report | 1 | 10 | C | 98/07/21 |
| 72 ○ ⑤ | 5 | X-3 report | 2 | 10 | C | 98/07/21 |
| 72 ○ | 6 | menu spec | 3-2 | 5 | B | 98/07/21 |
| 72 ○ | 7 | X-11 report | 1 | 12 | | 98/07/21 |
| 72 ○ ③ | 8 | figure 3 | 2 | 8 | | 98/07/21 |
| 72 ○ ④ | 9 | X-3 report | 1 | 22 | | 98/07/21 |
| | | | | | | |

SECRET

FIG.20

W

| Properties | No | Title | Chapter | Pages | Rank | EntryDate |
|-----------------------|----|---------------|---------|-------|------|-----------|
| <input type="radio"/> | 1 | function spec | 1(all) | 32 | A | 98/07/21 |
| <input type="radio"/> | 2 | menu spec | 3-1 | 99 | A | 98/12/24 |
| <input type="radio"/> | 3 | X-3 report | 1 | 10 | C | 98/07/21 |
| <input type="radio"/> | 4 | menu spec | 3-2 | 5 | B | 98/07/21 |
| <input type="radio"/> | 5 | X-11 report | 1 | 12 | | 98/07/21 |
| | | | | | | |



FIG.21

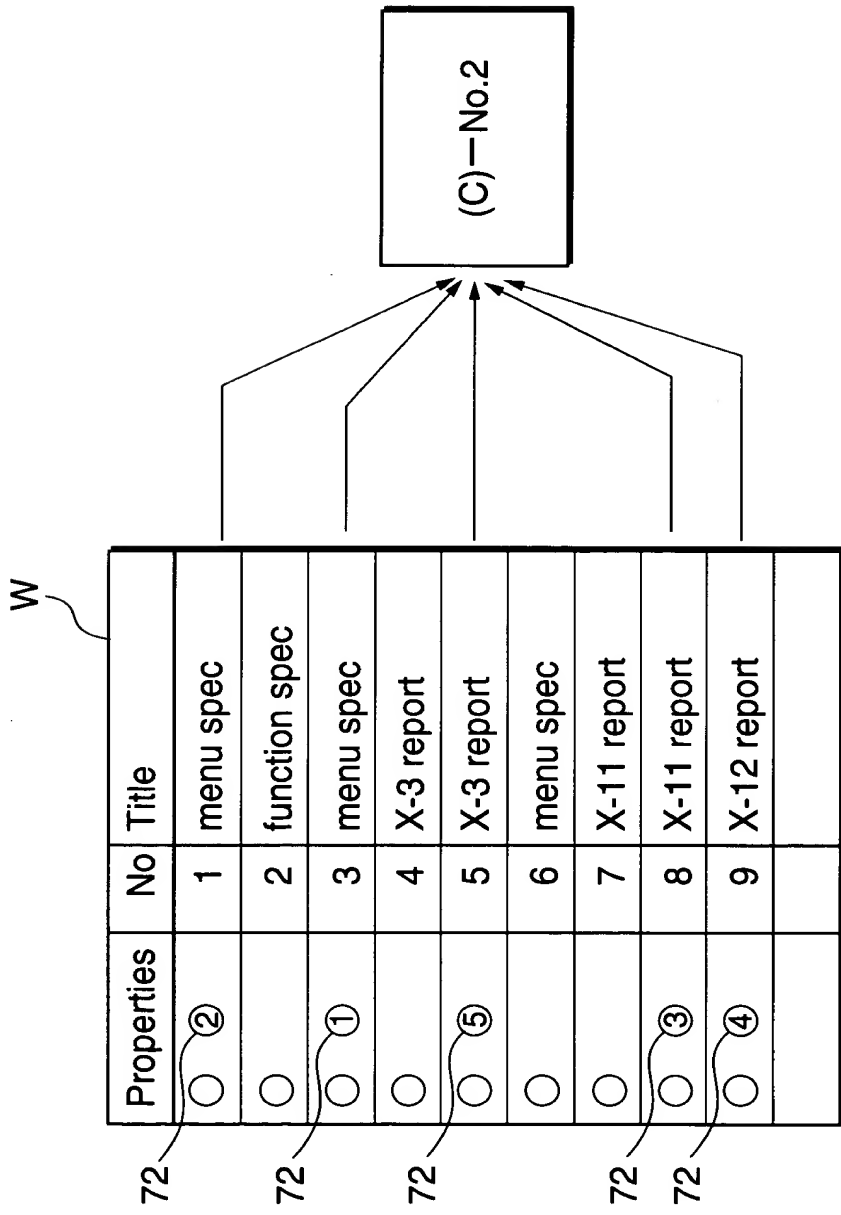




FIG.22

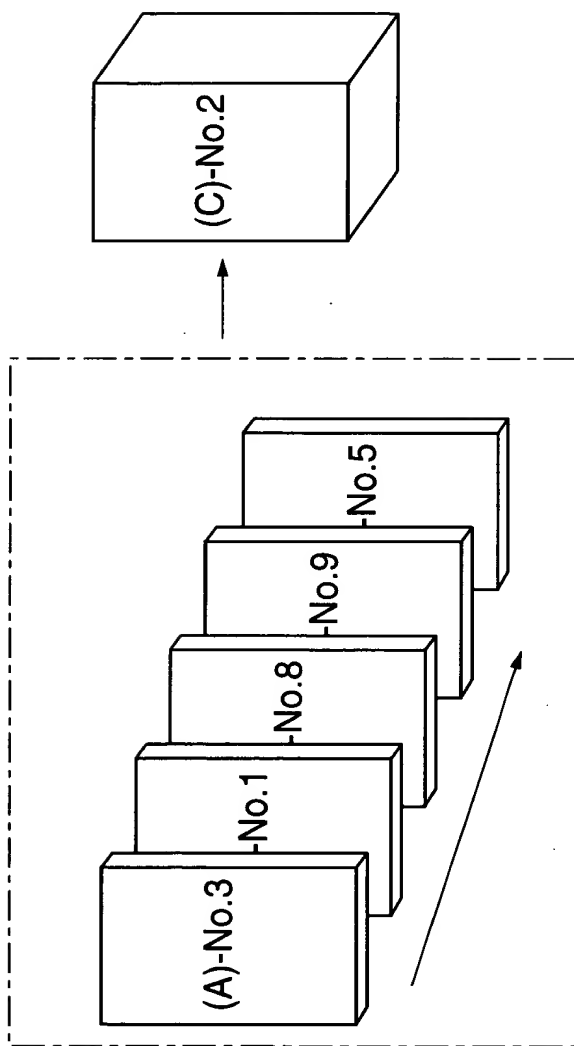




FIG.23

W

| Properties | No | Title | Chapter | Pages | Rank | EntryDate |
|------------|----|---------------|---------|-------|------|-----------|
| ○ | 1 | function spec | 1(all) | 32 | A | 98/07/21 |
| ○ | 2 | menu spec | 3-1 | 99 | A | 98/12/24 |
| ○ | 3 | X-3 report | 1 | 10 | C | 98/07/21 |
| ○ | 4 | menu spec | 3-2 | 5 | B | 98/07/21 |
| ○ | 5 | X-11 report | 1 | 12 | | 98/07/21 |
| | | | | | | |



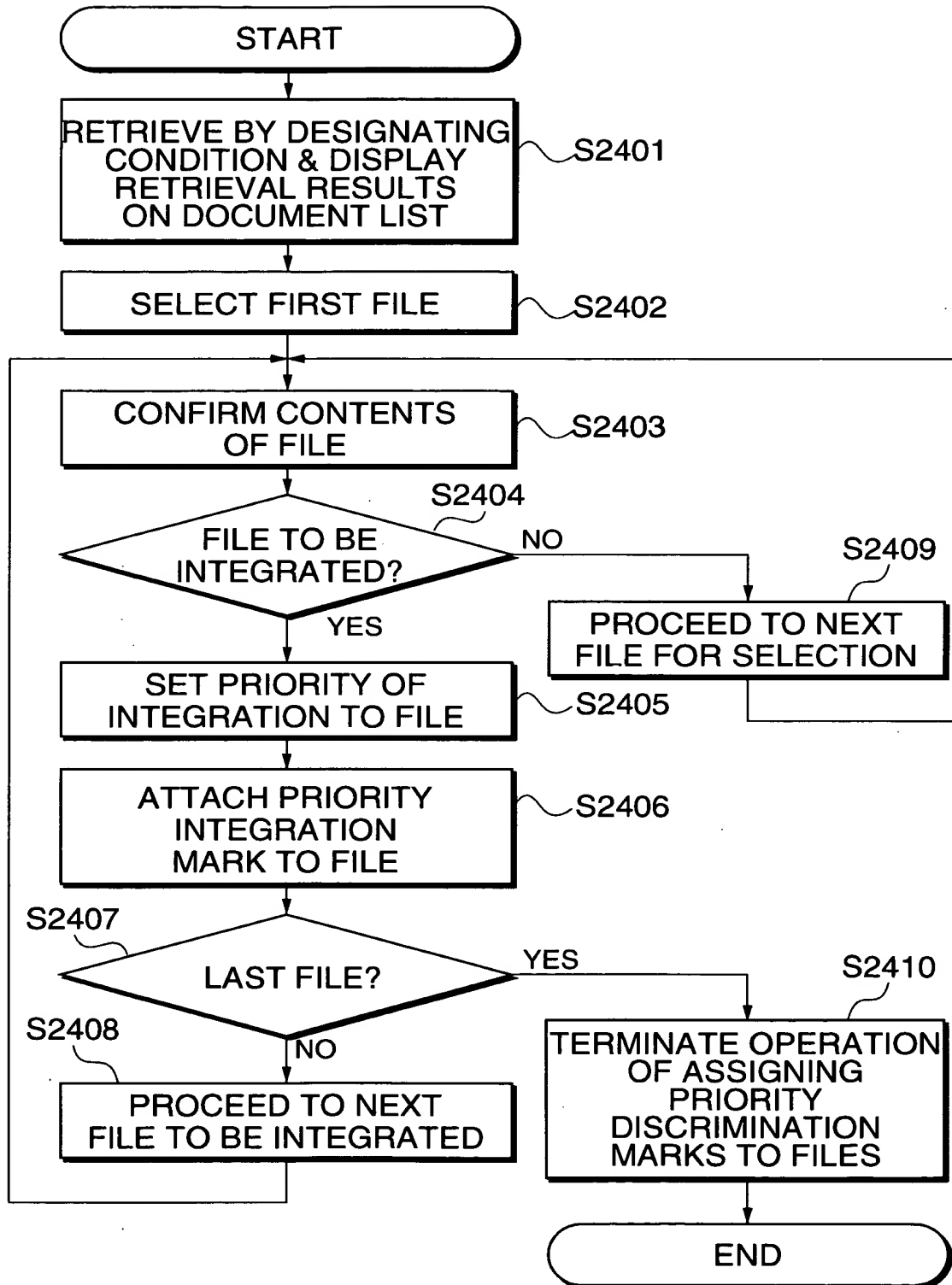
FIG.24

FIG.25

| Properties | No | Title | Chapter | Pages | Rank | EntryDate |
|------------|----|---------------|---------|-------|------|-----------|
| 72 ○ ② | 1 | function spec | 3 | 23 | A | 98/06/26 |
| 72 ○ | 2 | function spec | 1(all) | 32 | A | 98/07/21 |
| 72 ○ ① | 3 | menu spec | 3-1 | 36 | A | 98/07/21 |
| 72 ○ | 4 | X-3 report | 1 | 10 | C | 98/07/21 |
| 72 ○ ⑤ | 5 | X-3 report | 2 | 10 | C | 98/07/21 |
| ○ | 6 | menu spec | 3-2 | 5 | B | 98/07/21 |
| 72 ○ | 7 | X-11 report | 1 | 12 | | 98/07/21 |
| 72 ○ ③ | 8 | figure 3 | 2 | 8 | | 98/07/21 |
| 72 ○ ④ | 9 | X-3 report | 1 | 22 | | 98/07/21 |
| | | | | | | |

W

FIG.26

W

| Properties | No | Title | Chapter | Pages | Rank | EntryDate |
|------------|----|---------------|---------|-------|------|-----------|
| 72 ○ ② | 1 | function spec | 3 | 23 | A | 98/06/26 |
| 72 ○ | 2 | function spec | 1(all) | 32 | A | 98/07/21 |
| 72 ○ ① | 3 | menu spec | 3-1 | 36 | A | 98/07/21 |
| 72 ○ ③ | 4 | X-3 report | 1 | 10 | C | 98/07/21 |
| 72 ○ ⑥ | 5 | X-3 report | 2 | 10 | C | 98/07/21 |
| ○ | 6 | menu spec | 3-2 | 5 | B | 98/07/21 |
| 72 ○ | 7 | X-11 report | 1 | 12 | | 98/07/21 |
| 72 ○ ④ | 8 | figure 3 | 2 | 8 | | 98/07/21 |
| ○ ⑤ | 9 | X-3 report | 1 | 22 | | 98/07/21 |
| | | | | | | |

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FIG.27

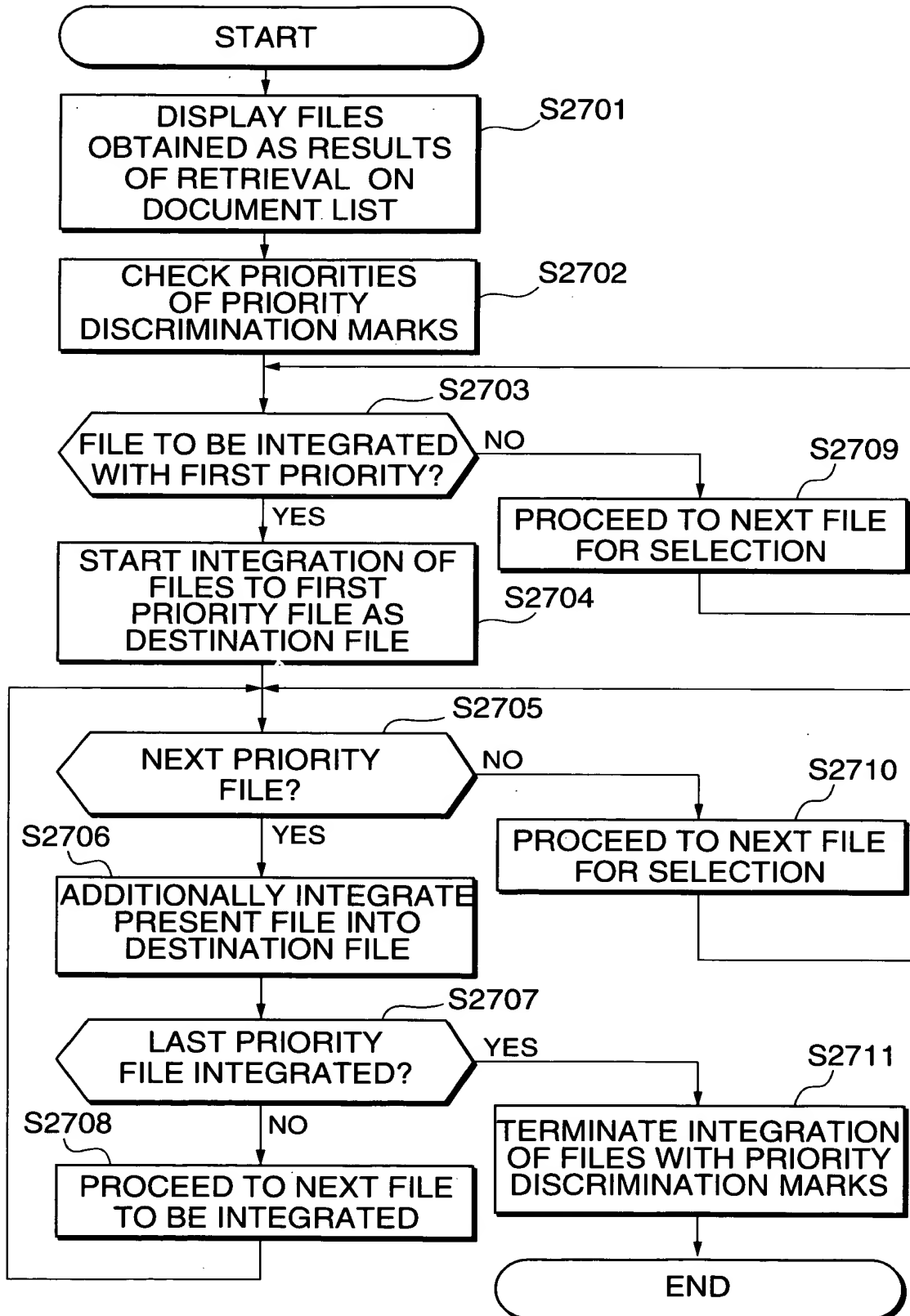


FIG.28

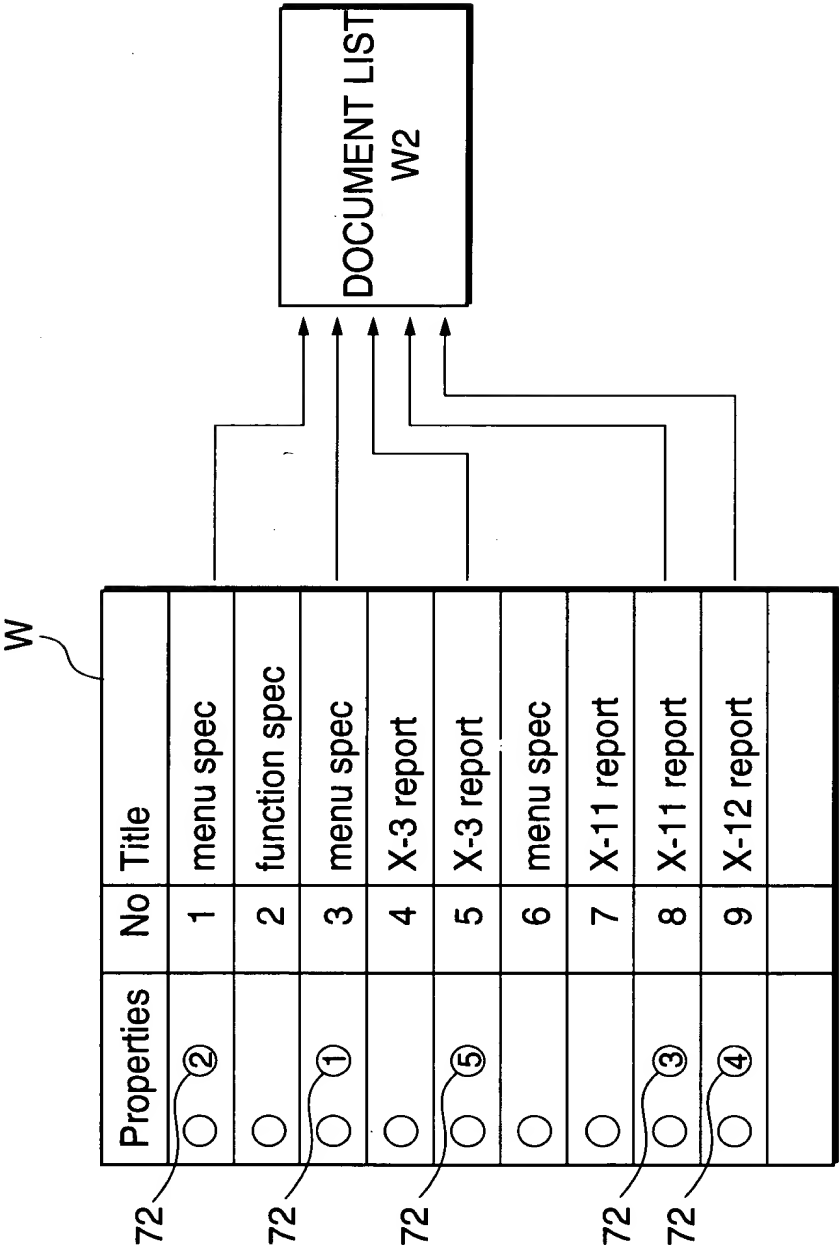


FIG.29

W2

| Properties | No | Title | Chapter | Pages | Rank | EntryDate |
|------------|----|-------------|---------|-------|------|-----------|
| ○ ① | 1 | menu spec | 3-1 | 36 | A | 98/07/21 |
| ○ ② | 2 | menu spec | 1-1 | 23 | A | 98/06/26 |
| ○ ③ | 3 | X-11 report | 2 | 8 | | 98/07/21 |
| ○ ④ | 4 | X-12 report | 1 | 22 | | 98/07/21 |
| ○ ⑤ | 5 | X-13 report | 2 | 10 | C | 98/07/21 |
| | | | | | | |

72

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72

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72

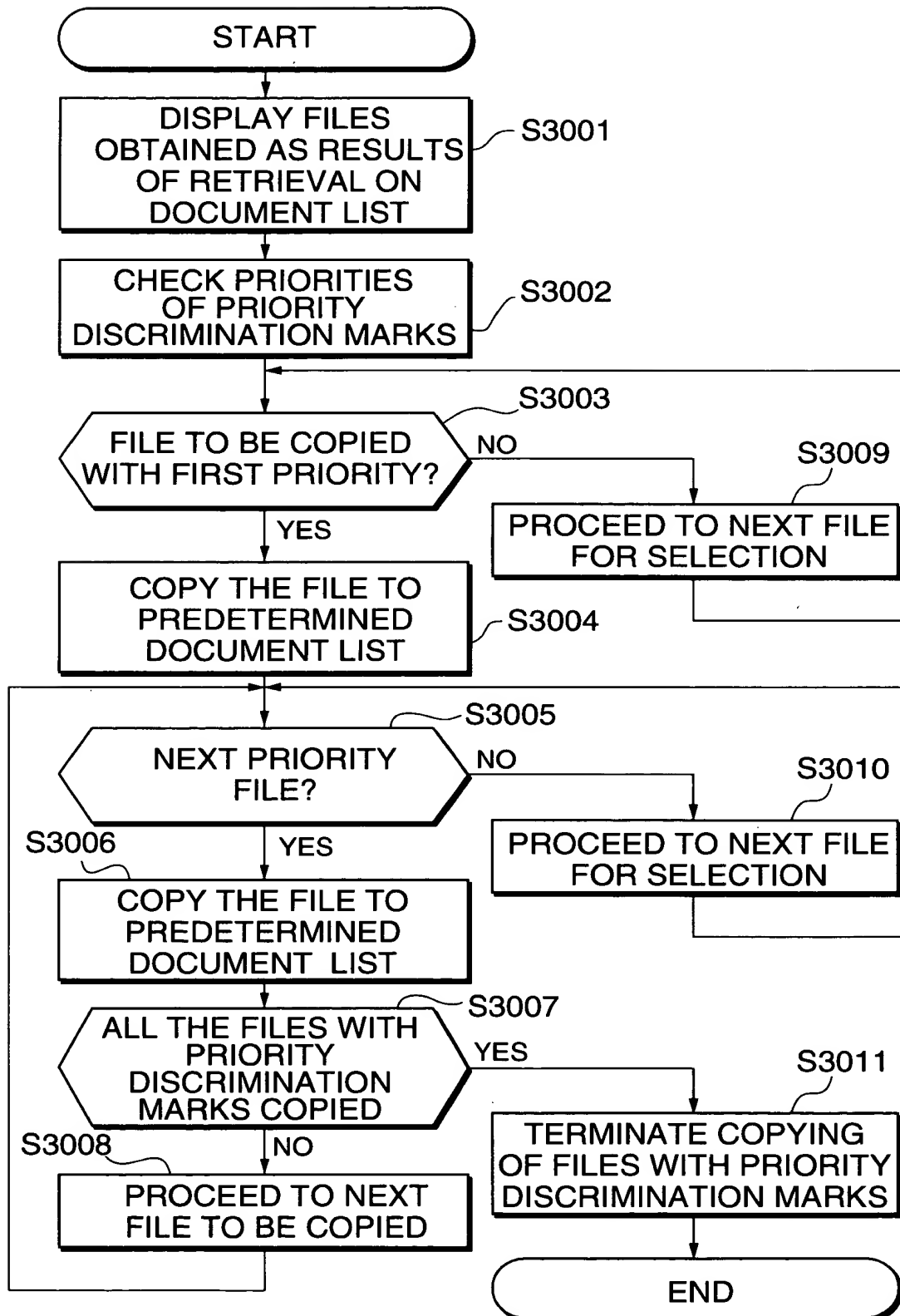
FIG.30

FIG.31

72

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72

W

| Properties | No | Title | Chapter | Pages | Rank | EntryDate |
|------------|----|---------------|---------|-------|------|-----------|
| ○ ② | 1 | function spec | | 23 | A | 98/06/26 |
| ○ ④ | 2 | function spec | | 32 | A | 98/07/21 |
| ○ ① | 3 | function spec | | 36 | B | 98/07/21 |
| | 4 | X-3 report | | 10 | B | 98/07/21 |
| ○ ⑤ | 5 | function spec | | 10 | B | 98/07/21 |
| ○ | 6 | menu | | 5 | C | 98/07/21 |
| ○ ③ | 7 | function spec | | 12 | C | 98/07/21 |
| ○ | 8 | X-11 report | | 8 | D | 98/07/21 |
| ○ | 9 | function spec | | 22 | E | 98/07/21 |
| | | | | | | |

FIG. 32

FIG.32

W

| Properties | No | Title | Chapter | Pages | Rank | EntryDate |
|------------|----|---------------|--------------------------|-------|------|-----------|
| 72 ○ ① | 3 | function spec | <input type="checkbox"/> | 36 | B | 98/07/21 |
| 72 ○ ② | 1 | function spec | <input type="checkbox"/> | 23 | A | 98/06/26 |
| 72 ○ ③ | 7 | function spec | <input type="checkbox"/> | 12 | C | 98/07/21 |
| 72 ○ ④ | 2 | function spec | <input type="checkbox"/> | 32 | A | 98/07/21 |
| 72 ○ ⑤ | 5 | function spec | <input type="checkbox"/> | 10 | B | 98/07/21 |
| ○ | 4 | X-3 report | | 10 | B | 98/07/21 |
| ○ | 6 | menu | | 5 | C | 98/07/21 |
| ○ | 8 | X-11 report | | 8 | D | 98/07/21 |
| ○ | 9 | function spec | | 22 | E | 98/07/21 |
| | | | | | | |

FIG.33

X

| |
|-------|
| XYZ-1 |
| XYZ-2 |
| XYZ-3 |
| XYZ-4 |
| XYZ-5 |

FIG.34

W

| Properties | No | Title | Chapter | Pages | Rank | EntryDate |
|------------|----|---------------|---------|-------|------|-----------|
| 72 ○ ① | 3 | function spec | XYZ-1 | 36 | B | 98/07/21 |
| 72 ○ ② | 1 | function spec | XYZ-2 | 23 | A | 98/06/26 |
| 72 ○ ③ | 7 | function spec | XYZ-3 | 12 | C | 98/07/21 |
| 72 ○ ④ | 2 | function spec | XYZ-4 | 32 | A | 98/07/21 |
| 72 ○ ⑤ | 5 | function spec | XYZ-5 | 10 | B | 98/07/21 |
| ○ | 4 | X-3 report | | 10 | B | 98/07/21 |
| ○ | 6 | menu | | 5 | C | 98/07/21 |
| ○ | 8 | X-11 report | | 8 | D | 98/07/21 |
| ○ | 9 | function spec | | 22 | E | 98/07/21 |
| | | | | | | |

FIG. 35

W

| Properties | No | Title | Chapter | Pages | Rank | EntryDate |
|------------|----|---------------|---------|-------|------|-----------|
| 72 ○ ② | 1 | function spec | XYZ-2 | 23 | A | 98/06/26 |
| 72 ○ ④ | 2 | function spec | XYZ-4 | 32 | A | 98/07/21 |
| 72 ○ ① | 3 | function spec | XYZ-1 | 36 | B | 98/07/21 |
| 72 | 4 | X-3 report | | 10 | B | 98/07/21 |
| 72 ○ ⑤ | 5 | function spec | XYZ-5 | 10 | B | 98/07/21 |
| 72 ○ | 6 | menu | | 5 | C | 98/07/21 |
| 72 ○ ③ | 7 | function spec | XYZ-3 | 12 | C | 98/07/21 |
| ○ | 8 | X-11 report | | 8 | D | 98/07/21 |
| ○ | 9 | function spec | | 22 | E | 98/07/21 |
| | | | | | | |